

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Dave.Ackrill@westwood45.powergen.co.uk  
Subject: [2553] 30/17/12M QRP  
Message-ID: <960813125054Z\*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB/@MHS>

Dear All,

I have been reading the descriptions of 30M activity with interest as this is a favourite band of mine as well.

I wonder where people congregate on 30M? The suggested frequency by the G-QRP Club seems to be 10.106MHz, but I find that this is a bit noisy. Others seem to use 10.116MHz, but this is too low for the UK Novice licensees over here.

Also, what frequencies do QRPers use on the 18 and 24MHz bands. I've tried 18.080MHz and 24.900MHz but activity levels generally seem low on these bands.

The lack of activity is a bit disappointing as all these "new" bands seem very useful. Especially when:

- a) The 'normal' DX bands are full of contests or
- b) The various other users creep down a bit on 14MHz

So, how can I encourage other QRPers to work me on these bands please?

72 de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Mike Neverdosky <mneverdosky@cycat.com>  
Subject: [2603] Another 40-9er  
Message-ID: <3211020A.2E8A@cycat.com>

Another 40-9er is on the air.

I finally built my kit.

I had a bad LM380 in my kit, so I just went ahead with the mod to use a 386 (the local RS doesn't stock LM380).

My kit came with the 150pf C-20 and a 33pf in parallel helped receive greatly.

Now I better start whipping my rusty CW back into shape. :-)

With a little luck I should be on the spartan sprint tomorrow night. I have a local ham club meeting so I should be doing a show and tell and then work the SS.

Next I want a 30-9er!

Anybody have some 10116 xtals?

mike N6CHV (now in central FL)

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: David Maliniak <dmalinak@CLASS.ORG>  
Subject: [2577] ARRL's WRC-99 survey  
Message-ID: <Pine.SUN.3.91.960813094011.12141B-1000000@class.class.org>

To all:

My copy of September's QST arrived today, and on page 49, I find a survey intended to help the League gauge its membership's opinions on the international regulations regarding Morse code.

Obviously, this group stands to lose the most if, at some point, the ITU decides to let its standards slip further with regard to the code. In the preface to the questionnaire, written by Todd Olson, K0TO, the ARRL has formed a WRC-99 Planning Committee that (he says) will take the results of this survey into account when formulating its recommendations for the League's input on the matter.

Therefore, it's VERY important that we make our feelings on this issue known to the Committee. I urge all of you to complete the survey and return it ASAP. Maybe we can help make a difference in the stand the League takes on this matter of vital importance to us as QRPers.

72 David Maliniak N2SMH  
Glen Rock, NJ

p.s. If you are a lapsed member and need a copy of the survey, please let me know and I'd be more than happy to send you a copy.

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996

From: Jerry Parker <jparker@fix.net>  
Subject: [2587] August NorCal Meeting  
Message-ID: <2.2.32.19960813191417.006c42a0@fix.net>

Doug's summary of the August NorCal Meeting is now posted complete with pictures.

<http://www.fix.net/norcal.html>

72,,,Jerry...K

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Michael A. Gipe" <71756.3631@CompuServe.COM>  
Subject: [2589] Batteries -- Again  
Message-ID: <199608131434\_MC1-85F-FEF4@compuserve.com>

WA7FCU recently suggested camcorder lithium ion batteries for QRP rigs.

Bob --

How do you intend to recharge the lithium ion batteries? I understand that the chemistry is very picky about recharging and that ALL Li-ion packs have circuitry built in to work with the charger to prevent explosion (yes, explosion!). Be careful. Do the research.

Mike K1MG

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: John D Young <jdy@whitney.ufl.edu>  
Subject: [2563] chalk line antenna reel  
Message-ID: <Pine.LNX.3.91.960813112731.29826A-100000@whitney.ufl.edu>

Dan

Your timing is unbelievable! I have had the hygain tape antenna for several years but it is heavy and I am afraid of damageing it. I keep it for special events. I have planned to try the chalk line reels for some time and got the wild hair Sunday afternoon. I found the cast aluminum units for \$3.50. They do not have the gears and the reel and shaft is one piece with the fold out handle pinned to the shaft. the feed hole is a metal insert much like a hollow rivet (very easy to lose) which will pass

up to about 18 guage insulated wire.

I had two spools of antenna from a CRT-3 lifeboat radio. The seagoing types may remember the Gibson Girl hand crank, code wheel, 500 kc (yes kids, kc - when radio did not hertz) radios. They came with two ways to get the wire into the air. A heavy duty aluminum & nylon box kite and a weather ballon with a chemical hydrogen generator. The wire is a very easy to handle cotton core with a braided 'shield' that makes it about the size of 18 guage but much lighter. I is very flexible and does not seem to kink - you can even tie it in knots. When tinning the wire the cotton core is no problem. It does not burn at soldering temperatures.

I am not sure how much wire was used for the CRT-3 but after winding 70 ft on each of two spools I was only about 1/2 way into the first spool.

Then after all this work you post your message the same evening. I seem to remember something about great minds ....

I plan to add some color coding to the wire to indicate the length for each band to save carrying a tape measure. Also may add a hook to the back end to attatch the rope.

Keep us all posted on how it works out for you.

73/72

John WA8KNE

Jacksonville FL

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>  
Subject: [2560] cleaning boards  
Message-ID: <9608131409.AA10051@sun1055.spd.dsccc.com>

Gang,

I just ran into the same problem when I assembled my Explorer II. One of my co-workers tried to clean the residual flux with water (no way!). Then he resorted to alcohol (still no luck). Then he asked me what I used for flux? My roll of (good ol') kester solder uses rosin-core flux. I was not aware that the industry had changed to water-based fluxes. (It has been a few years since I soldered a board.)

Rosin core flux is removed with tri-chloro-ethylene. (tri-co for short). Something that is not easily purchased today.

I never tried carbon-tetrachloride, as a board cleaner.  
But I used it for something else, and it is not  
flammable. It is (though) somewhat toxic.

72s,

Charles Cashion, W5ISZ

33.0197N 96.6986W EM83ia

good email address: ccashion@spd.dsccc.com

bad email address: sun1055!ccashion@uunet.uu.net

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+ - - - - - +
| Please do not use the reply feature of your mailer. My mail passes thru |
| uunet.net and they change my address to sun1055!ccashion@uunet.uu.net |
| which at the very least, is a prevarication. |
+ - - - - - +
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From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996

From: George Gingell <k3tks@u1.abs.net>

Subject: [2569] CW Comments

Message-ID: <Pine.BSI.3.93.960813105955.19119B-100000@u1.abs.net>

Jim, K5ROV

I really enjoyed your cw comments, TKS

I have one word to say, "Amen" !

72 es

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996

From: George Gingell <k3tks@u1.abs.net>

Subject: [2566] CW Stuff

Message-ID: <Pine.BSI.3.93.960813111743.19119E-100000@u1.abs.net>

Hi Keith,

Boy, That sure got em stirred up didn't it? :^)

I must admit, there were a few interesting comments in there.

I have not had a chance to catch up on all yet, I have two more Digests  
to read thru, not counting today's. My Basement Cleanup project is really  
cutting into my fun time. :^) It is a big sacrifice, but will be worth it  
in the end. (I will have two ham shacks when done).

Sorry, back to the CW comments. I also use a variety of keying devices.

I have used straight keys, single lever paddles, iambic paddles, (not

well), Micro switches, two pieces of wire, and a Close Pin (Wild Woodie Key), a Computer and a keyboard (2). Whatever it takes... CW is CW and don't let anyone tell you otherwise... If it don't Receive and print on paper or a screen, it ain't RTTY! If your eyes and/or ears copy it, it is CW ! You will read comments from a few of the O.T. who have been there and done that. They will tell you the same, do whatever lets you enjoy the hobby the best. I personally plan to continue to use all of the above as much as I can, for as long as I can...

72 es

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Frank G3YCC" <g3ycc@enterprise.net>  
Subject: [2582] EPHIPHYTE 2  
Message-ID: <199608131833.SAA04862@mail.enterprise.net>

A pal of mine and GQRPer has bought the pcb for the Epiphyte 2 but the board doesn't tie up with the Sprat article. I seem to remember there was some mail on this, Can someone help me to assist him to locate the 'mods'.

Thanks.

--

Frank G3YCC  
Ham Radio QRP Web Page:  
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Cosmo224@aol.com  
Subject: [2606] Evaporating Solder Flux  
Message-ID: <960813193524\_258800454@emout19.mail.aol.com>

Howdy all

Does this stuff exist?

I have heard of a type of solder where the flux evaporates (to what extent, I dont know...) as the part is soldered. The end result is a nice clean solder side that requires minimum if any cleaning. If this is for real, what is the product and where can one buy it?

72/73 de AA9IL  
Mike Kana

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Ted Kell" <tkell@130.253.192.68>  
Subject: [2599] Farnell Components  
Message-ID: <9608132105.AA03954@nyx.net>

someone, where or who i don't remember, mentioned these folks and suggested getting a copy of their catalog. according to them it was quite a nice catalog. well, after calling their 800 number, they sent me a copy. boy is it ever a nice catalog. pictures of what your buying, lots of stuff, 13 pages of batteries, 26 on enclosures, and etc.

they are a new entry into the us market, previously only being in 16 countries. they have no minimum order.  
for the cost -zero dollars- this one is a keeper. 1-800-718-1997.

archie

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Peter Simpson/US/3Com <Peter\_Simpson@3mail.3Com.COM>  
Subject: [2555] Finally started my Forty-9er!  
Message-ID: <9608131322.AA0176@hqsmtp2.ops.3com.com>

Well, last night, I finally started building my Forty-9er, and I must say that Wayne, Jim and Doug have done a tremendous job with the kit. I held off this long, because I want to use it hiking, and I was looking for just the right case to put it in. I finally found a small, extruded aluminum case (much like a miniature Hayes modem case) which I think will do nicely.

I'm almost done with the board stuffing. I have installed a couple of the mods, and today I have to get brass hobby tubing to make a shaft for the tuning capacitor, which I intend to mount at 90 degrees, off the edge of the PCB. I discovered that one of the benefits of buying a Norcal kit, is that Jim throws in a couple of extra parts free :-) Thanks, Jim! But seriously, everything was there, and I only had one small etch to repair on the PCB...it looked a little thin, so I soldered a piece of wire on top of it.

One accessory I'd like to add, is a keyer. A KC-1 or a Curtis would be nice, but this little guy only cost me \$25 and I feel reluctant to double the cost. I found a design in Doug DeMaw's Solid State Design book, which uses three 555 timers, and I think I'll breadboard it to see how well it works. If it's acceptable, I'm planning on building it with surface mount CMOS 555s and surface mount components. Has anyone out there built this design?

All the controls and connectors are on one end of the case, and the 9 volt battery goes inside at the back, behind a partition (which could probably double as the keyer PCB). There's not too much room in this little box, and, if everything goes well, I may have something I can enter in the ARS Trail Friendly Radio contest. I'm trying to decide if I'll be able to fit a resistive reflected power meter and a simple antenna matching circuit in the box, too.

This little radio's going to be densely packed! Photos for the web site are planned, and thanks to the Norcal "triumverate" for the kit and to the QRP-L gang for the mods!

Cheers,  
Peter, KA1AXY

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Scott Walker <71674.16@CompuServe.COM>  
Subject: [2574] FS: HW-9  
Message-ID: <960813162435\_71674.16\_DHR33-1@CompuServe.COM>

I'd like to sell my HW-9, to replace with something smaller.  
It has the WARC bands, plus some mods.  
E-mail me if you're interested.

Scott Walker  
New Cumberland Pennsylvania USA  
71674.16@compuserve.com

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "John P. Spoonhower" <spoon@kodak.com>  
Subject: [2550] FS: original Norcal 40  
Message-ID: <32107244.444B@kodak.com>



Guys, I have decided to sell my Norcal 40 (club version), although I may be interested in a trade for a Sierra (built or unbuilt). The Norcal 40 is unmodified, and in excellent condx. It has an unpainted cabinet and the club silk-screened front panel. I'm asking \$115 with shipping included in the continental US. My reason for selling is that I just want to have more bands available for my portable rig.....  
72, John, kc2du

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: n5zgt@swcp.com (Brian Mileschosky)  
Subject: [2581] HELP! HyGain Tape Antenna  
Message-ID: <199608131722.LAA02445@kitsune.swcp.com>

At 11:59 AM 8/13/96, John D Young wrote:

>Dan

> Your timing is unbelievable! I have had the hygain tape antenna  
>for several years but it is heavy and I am afraid of damageing it. I keep  
>it for special events. I have planned to try the chalk line reels for some  
>time and got the wild hair Sunday afternoon.

Hi John,

I'm glad I caught this post! I have a question for you, and everybody else out there who could help me.

I took my HyGain tape antenna on vacation with me so I could operate HF. Well, while I was stringing it up in the trees, one of the legs of the antenna accidentally got twisted in a few places and pulled tight. Well, there isn't anything I can do now because if I try to bend it back, the metal tape would snap. I should have paid more attention to it so this wouldn't have happened...stupid mistake.

Does anybody know how I can get this thing fixed? Or is anybody selling one? I will be glad to take it off your hands. I hope I can find somebody so I can use this antenna sometime!

For those who do not know, this is an HF dipole made by Hy-Gain. It is actually two tape measures put together in one piece back-to-back, and you pull out the amount of tape on each side needed to operate on a certain frequency.

I hope to hear from somebody soon!

72,

Brian, N5ZGT

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Boy Scouts of America  
JASM -Troop 41  
Albuquerque, N.M.  
O.A. Lodge 66 <-W-W-W-<<

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Amateur Radio - N5ZGT  
ARRL QRP: NorCal# 1700 QRP-L# 580  
Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA  
Internet: n5zgt@swcp.com

-----  
From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Ng Heng Lee/Ghee <leeghee@singnet.com.sg>  
Subject: [2544] how to remove flux  
Message-ID: <Pine.3.89.9608131521.A21971-01000000@merlion.singnet.com.sg>

hi gang,i have finished soldering 2 pcbs but how do you clean away all the flux ? i managed to get a small bottle of denatural alcohol but i find that i was unable to get rid of the flux. instead the board become sticky. what i did is i dipped a small brush in denatural alcohol and quickly brush it onto the solder joints. i does the job but it get sticky and dusty look when dry. my pcb is made of fibre material. the kits manual recommend to soak the whole pcb in alcohol and rinse it a few time. do you know where i can buy a litre of pure 100% denatural alcohol ?? my neighbourhood pharmacy have only 70% pure alcohol. i know not to use water to clean the board as water contain some metals that might corriode the legs of transistors as well as other component. does 70% pure alcohol mean 7 part water and 3 part distill water ?? can i use it ?? can i use other alcohols like ethyl and isopro ?? how about using distill water and plenty of soap to get rid of all the flux ?? i am open to any suggestion as long as my pcb won't get corrioded. thanks.

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Ng Heng Lee/Ghee <leeghee@singnet.com.sg>  
Subject: [2545] ht-115 manual  
Message-ID: <Pine.3.89.9608131530.B21971-01000000@merlion.singnet.com.sg>

hi gang, i have a TOKYO HY-POWER LABS.,INC. HF BAND SSB/CW TRANSCEIVER. the model is HT-115. unfortunately, the manual that come with it is in japanese which i cannot read. i am trying to find the company in the internet to obtain an English version manual but in vain. could anyone using the same manual please e-mail me. i am willing to pay for the postage,handling charges...etc. lastly how do you find the performance of the rig ?? i have not seen any comments nor recomendation about it ?? thanks.

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "William C. Robbins" <billrobb@serv01.net-link.net>  
Subject: [2549] HT-750 Sold  
Message-ID: <199608131140.HAA30971@serv01.net-link.net>

The Tokyo Hy-Power HT-750 has been sold. Thanks for the many responses.

Bill  
William C. Robbins, WA8CDU \*\*\*Heathkit Collector\*\*\*  
billrobb@serv01.net-link.net

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Gary Schiltz <gss@ahipc.eds.com>  
Subject: [2585] Idiom Press  
Message-ID: <3210C72A.1722@ahipc.eds.com>

I'd like to build the CMOS III keyer, but it makes me nervous to send \$58 to a P.O. Box for a company that doesn't have a phone (I called information for Geyserville, CA and there was no listing for Idiom Press). So, what's the deal, is Idiom Press a real company? Am I just being paranoid :-)

----

72 de N8RUY  
Gary Schiltz  
Bloomfield Hills, MI

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [2540] Juno EMail Headers  
Message-ID: <19960812.231511.11767.2.kb0rol@juno.com>

Gang,

Can't find the original message but someone was wondering how to see the

Mail Headers on their JUNO mail. I gave him one solution and discovered a better one. Go into OPTIONS and click on SHOW MAIL HEADERS and guess what you can see the headers just like magic.

Brad Mugleston - KBØROL  
Colorado QRP Club #170, QRP-L # , ARRL  
QTH - Aurora, CO - DM79oq  
KBØROL@JUNO.COM  
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: davemed@ix.netcom.com (David Medley)  
Subject: [2539] Kits  
Message-ID: <199608130413.VAA22694@dfw-ix4.ix.netcom.com>

This is not a qrp subject really but I know someone out there can help me. My Ramsay frequency counter went south today and the part required to fix it seems to be unobtainable. I have had problems with this unit and feel I need to try another route. Does anyone know of a kit for a half way decent counter out there? I figured as qrp guys are basically kit builders or home brewers (bless them) somebody out there could help.  
73 de Dave KI6QE/7

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Joe Gervais <vole@PRIMENET.COM>  
Subject: [2546] KK6MC/5 QSL  
Message-ID: <199608130716.AAA27044@primenet.com>

Hello again,

Does anyone have an email/snailmail address for Jim Duffey, KK6MC? He requested a QSL during the July Spartan Sprint, but the address listed in the online callbooks came back as "Forward order expired". I try to be very diligent about QSL'ing, so I'd rather not let this one slip through the cracks. Thanks folks.

Cheers es 72 de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7

KC7NEV TMPS 1996 Qs=028 States=13 Confirmed=5 DX=004

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: PDouglas12@aol.com  
Subject: [2586] Magnifying lamp  
Message-ID: <960813143429\_258562364@emout10.mail.aol.com>

Gang,

As soon as I knew the KC2 was on its way to me, I decided, sight unseen, that I would like to build it under a magnifying lamp. I ordered one from a mail order outfit. This is related to my age/vision and not any fault of the KC2, though it is certainly small.

Anyway I've had the KC2 for about a week, and I've been hoping the lamp would come in time to do the job. Sure enough, this is the first night that I am free to putter in the shack, and the thing came from Damark. Now for those who don't get this particular catalog, it is one of those outfits that sells all kinds of stuff like factory rebuilt computers, stereos, pool chairs and assorted lighting stuff. And recently I noticed they were selling these lamps for 40 bucks, free shipping. Since I am not the only ham in this group whose eyes are losing their acuity, I thought it would be useful to report on whether the device is helpful for building. I will let you know whether it is worthwhile or junk. Stay tuned.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: John D Young <jdy@whitney.ufl.edu>  
Subject: [2571] message numbers in digest  
Message-ID: <Pine.LNX.3.91.960813103602.29541A-100000@whitney.ufl.edu>

Head man (or person) in charge of list

I receive the digest version of the QRP-L list and have noticed something strange in the numbering of messages.

Is there a reason some message numbers are repeated? In digest number 450 today the following numbers were used more than once.

2473 2  
2487 3  
2490 2

2500 2  
2525 3

Does anyone have any ideas?

73/72  
John  
WA8KNE

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Kelly" <kelman@dialnet.net>  
Subject: [2613] Must sell MFJ-9040  
Message-ID: <199608140136.UAA24287@shell.dialnet.net>

Hi all,

I just bought a HW-9 so now I NEED to sell this MFJ-9040:

In good condition, runs 4-5 watts on CW portion of 40 meters. Neat rig!

I was asking \$100.00 with no serious offers, so tell me what it is worth.

Call (417) 678-0154  
or Email at kelman@dialnet.net

Thanks,

Kelly Ellison - WB0WQS

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: John Dorson K2JHU Real Estate Consultant <jdorson@bbs.mpcs.com>  
Subject: [2590] need e-mail addr  
Message-ID: <199608131908.PAA28500@bbs.mpcs.com>

Does anyone have an e-mail address for Tejas RF Technology makers of the Backpacker????

Thanks

John K2JHU...

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [2588] NorCal 40A Front Panels  
Message-ID: <199608131918.MAA22354@dancris.com>

Does anyone have info on where to obtain the Norcal 40A front panel? Is it pre-drilled for the KC-1 Keyer?

Thx in advance,  
73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271 CQC 274 ARRL (Not in any order of importance!)

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: RhyneK@aol.com  
Subject: [2567] OHR-100  
Message-ID: <960813104740\_177841236@emout08.mail.aol.com>

The Oak Hills Research OHR-100 Qrp set is now available.  
See Radio Devices Web Page at <http://www.raddev.com/biz/raddev/>

de KA1CX

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: vtronair@bctv.wic.ca (VTR ONAIR)  
Subject: [2547] QRP ++ INFO  
Message-ID: <199608130816.BAA08181@carver.pinc.com>

I AM CONSIDERING THE PURCHASE OF THE INDEX LABS QRP + (NEW VERSION)  
I HAVE SEEN A LOT OF COMMENTS ON THIS RIG, AND THEY HAVE BEEN LESS THAN ENCOURAGING. MY MAIN INTEREST IS SSB OPERATION WITH SOME CW. WHAT I AM LOOKING FOR FROM ANYONE IS HONEST, UNBIASED COMMENTS FROM OWNERS OF THIS UNIT, BOTH POSITIVE AND NEGATIVE. THIS WILL HELP ME MAKE AN INFORMED JUDGEMENT ON WHETHER TO DROP THE BUCKS OR TO STAY WITH MY MFJ 9420 (WHICH I AM HAPPY WITH SO FAR) I THANK EVERYONE IN ADVANCE FOR THEIR INPUT.

72 BRAD BRITTON  
VE7IRS

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: mvjfm@mvubr.att.com  
Subject: [2579] QRP Afield  
Message-ID: <199608131711.NAA20537@alig1.att.att.com>

QRP-Afield

W1FMR

Will be spending the weekend of Sept. 21, at Ferry Beach, Maine,  
with a church group.

However, I intend to sneak away for a little sin and shortwave.

Anyone in the vicinity know of a good operating site, or would  
care to join me ?

72/73 Jim F. W1FMR QRP-NE <>< mvjfm@mvubr.att.com

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: kd7s@psnw.com (Bill Jones)  
Subject: [2615] QRP Websites  
Message-ID: <199608140315.UAA21492@sierra.psnw.com>

I'd like to thank Steve Hideg and Jerry Parker for the superb work they do  
to maintain the QRP-L and NorCal websites. Hardly a day goes by but what I  
don't browse one or the other and I am constantly amazed at the skill and  
artistry these gentlemen display. Their contribution to the QRP community is  
second to none.

=====  
Bill Jones - KD7S <><  
Sanger, California  
Reply to kd7s@psnw.com  
=====

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: jgann@mindspring.com (Alvin G. Gann)  
Subject: [2591] QRP+ review in QST



Message-ID: <199608131845.0AA26938@borg.mindspring.com>

The new issue (Sept.) of QST has an extensive review of the current version of the QRP+ by Index Labs. It has the usual specs and performance data that characterizes the ARRL Lab tests of rigs. They discuss the pros and cons of the QRP+. IMHO, a must read for anyone considering buying the QRP+.

72 --Jerry W1UI

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Marshall Emm <75230.1405@CompuServe.COM>  
Subject: [2573] QRP-L is a club?  
Message-ID: <960813155407\_75230.1405\_HHB65-3@CompuServe.COM>

Recently took a look at the QRP-L home page, and note that it is headed QRP-L,  
The  
Internet QRP Club. Is that official?

BTW, there is a link to it from my own Milestone Technologies home page:  
<http://ourworld.compuserve.com/homepages/mtech>

I also have links to ARRL, RSGB, SAREX, and an Italian site called 100 years of radio.

73  
Marshall  
AA0XI

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: bfollett@ditell.com  
Subject: [2576] Sierra Power Out Mod.  
Message-ID: <199608131645.KAA21740@orion.ditell.com>

Gang:

Wayne posted a suggested Sierra mod yesterday. I tried it out, and here is the mod and the results:

Replace Q5, a J309 with a J310 which will be "hotter" on the higher bands--providing more drive to the final...

I measured a .1W increase in power on the lower bands, and a .3W

increase on 18M. (I need to build my 21M module now)

A simple change, and highly recommended based on my results. If anyone comes up with different results, please let us know.

73, Bob

-----  
Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett.ditell.com

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Dwayne Rich <drichff@interpath.com>  
Subject: [2561] Soldering Iron  
Message-ID: <321094BA.4B5@interpath.com>

I am hopefully going to try and build my first kit in the next few weeks and was wondering what is the best soldering iron to use wattage wise to keep from damaging anything while soldering. Also what is the best type of solder to use, rosin core?

--

-----  
NC FFII/NC EMT-Defib/NC HAZMAT Operations/ NC Basic Rescue Tech  
Ham Operator KC4ADW QRP-L#336  
"Strive For Perfection Settle for Excellence"

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: KFGlynn@aol.com  
Subject: [2564] Something to be said for keyboard CW  
Message-ID: <960813114541\_383634893@emout19.mail.aol.com>

Hi gang,

I think there is something to be said for keyboard CW.

I worked a gentlemen who has been a ham for many many years. Unfortunately due to health problems he cannot send CW, but is very able to type. So he uses a computer keyboard to send CW. He is able to copy in the normal fashion.

I was saddened when he told me this during our QSO, but very happy to hear this gentlemen is still able to actively enjoy CW.

73 Kevin KB2TEO

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: chuckolson@juno.com (Chuck Olson)  
Subject: [2558] Source for 88 mH chokes  
Message-ID: <19960813.083729.8183.0.chuckolson@juno.com>

On Tue, 13 Aug 1996 00:59:41 +0100 "Robert J. Gobrick"  
<rgobrick@nfld.com> writes:

>

>I plucked this off the GQRP-L (thanks guys/gals) and what follows is a

> L1 = L2 : TOKO 100 mH, 88mH toroids should do as well

This article from GQRP-L mentioned the venerable 88 mH choke - does anyone know of a mail order source for these items?

Best Regards,

Chuck  
WB9KZY  
Washington Island, WI

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: jbartac@max.state.ia.us (jbartac)  
Subject: [2600] Strange Sig on 30 M  
Message-ID: <32110B3E.146F@max.state.ia.us>

I am hearing a strange signal every morning on the 30 M band and wonder if anyone else is hearing it, or knows what it may be.

It is a single unmodulated carrier on about 10,116.5 KHz or so. It sounds wobbly and wavery, so I presume it may be coming over the pole or perhaps from far away. I'm hesitant to call CQ on 10.116 as it is too close and may qrm whomever answers me. (It won't QRm me, though, as with either the scaf in the QRP+ or the IF plus audio filters in the Paragon, I can tune it out).

72,  
Jerry KD0CA

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Mike Robinson <miker@cc.com>  
Subject: [2556] Surprise!  
Message-ID: <9608131323.AA27482@voder.nsc.com>

As sometimes happens, I woke up before the sun today and couldn't get back to sleep.

With my bowl of raisin bran, I sat down at the rig and flipped through the bands. 80m was hashy, 40m was crashy and 30m was...CQ?

...that call sounds familiar...K4TWJ...holy smokes it's Dave Ingram. Author of some of the best QRP books around. In fact, "How to get started in QRP" was the book I read while waiting for my license to arrive.

Rats, I couldn't get him at 5 watts and my rain gutter. Ok, got him at 25 watts. Not QRP but by golly Dave is sending back my call sign. Kewl!

He couldn't stay long but it's a bonafied QSO.

I love this hobby.

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [2570] Ten-Tec Anon  
Message-ID: <Pine.BSI.3.93.960813110225.19119C-100000@u1.abs.net>

Paul, wb8zjl & Jim, wa6ger

Warning! , Only three more to go!

Maybe I can find them in time for Dayton '97 :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Bob Marsh <bmarsh@hicom.net>  
Subject: [2554] Toroid Substitution?  
Message-ID: <32107C5B.1961@hicom.net>

Hi everyone,

Does anyone know of a good substitute for an FT-37-72 ferrite core? A friend of mine is working on a project and has several other types (not sure which), and would like to use something he already has. Any info would be appreciated.

Tnx es 72 de Bob/KB2SGM  
<bmarsh@hicom.net>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: dedinger@ix.netcom.com (Dennis Edinger)  
Subject: [2541] Wanted: Slide Rule(s)  
Message-ID: <199608130542.WAA01064@dfw-ix7.ix.netcom.com>

Guys,

All that talk about slide rules reminded me that my ex sold my Dietzgen Log Log Vector (made before she was born!) for \$5.00 at a yard sale and through away my little 3" circular pocket slide rule. I'd love to replace both if you have one you'd like to part with. I really want one of the older bamboo/ivory (or enamel) etched ones like my Dietzgen. The little circular/pocket was about \$5 and was just cheap plastic, but it was handy.

I gave my HP21 (that dates me) to my son for calculus, but he chose a TI (the prof thought all HP units had ROM!).

Contact me by e-mail so we don't take up bandwidth.

de Dennis/nt01 CQC #202 QRP-L #467

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Dick Schneider <74602.3317@compuserve.com>

Subject: [2614] WTB Manuals: HW7 & TT PM2B  
Message-ID: <960814025430\_74602.3317\_EHH125-1@CompuServe.COM>

Looking for manuals:

HW7

Ten Ten Power Mite PM2B

Pse email reply

tnx es 72 Dick AB0CD..

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Peter Barville <peter@barville.demon.co.uk>  
Subject: [2592] Re: 30/17/12M QRP  
Message-ID: <sV6eCIA4gNEyEwF4@barville.demon.co.uk>

Hello Dave

>  
> I wonder where people congregate on 30M? The suggested frequency by  
> the G-QRP Club seems to be 10.106MHz, but I find that this is a bit  
> noisy. Others seem to use 10.116MHz, but this is too low for the UK  
> Novice licensees over here.

I think 10106 is rarely used now, because of the high level of qrm. In addition, it's a bit close to the 'dx end' of the band. 10116 is, as far as I'm concerned, now the normal QRP frequency, and I find plenty of QRP activity there.

>  
> Also, what frequencies do QRPers use on the 18 and 24MHz bands. I've  
> tried 18.080MHz and 24.900MHz but activity levels generally seem low  
> on these bands.

Tricky one this. I tried once (through the pages of Sprat) to establish recognised QRP frequencies for 17m and 12m, but wasn't very successful. 18086 is often quoted (at least it's got a '6' in it!), and maybe 24906 would be a good bet for 24m.

>  
> The lack of activity is a bit disappointing as all these "new" bands  
> seem very useful.

17m and 24m will be quiet at the moment (12m in particular) because of poor propagation, but 30m is well worth sticking with.

> So, how can I encourage other QRPers to work me on these bands please?

Maybe by using the bands often yourself, and by occasional postings telling us how you get on. Activity tends to breed activity, doesn't it?

Good luck, CU on 30m when there's some short skip.

72

--

Peter G3XJS

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996

From: "Robert J. Gobrick" <rgobrick@nfld.com>

Subject: [2608] Re: 30/17/12M QRP

Message-ID: <2.2.32.19960813232214.0088b0fc@public.compuserve.nf.ca>

Hi Dave,

I hang around and find a lot of QRP activity on and about 10.116 MHz. Easy shot across the pond from Newfoundland. As a matter of fact there is a lot of qrp activity on 30 meters the 200 watt QRO types (200w is limit) are AMAZED at all the qrp stations they contact - hi.

But it begs the question - what are the UK Novice frequencies? for 10, 18 and 24 Mhz? In the US there are no novice frequencies allocated on 30 meters (probably should be).

Cheers 73/72 Bob V01DRB/WA6ERB

At 13:50 8/13/96 +0100, you wrote:

>

> Dear All,

> Others seem to use 10.116MHz, but this is too low for the UK

> Novice licensees over here.

>

>

```
-----
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
| Compuserve:   70466.1405@compuserve.com |
|-----
```

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: lee@radioadv.com (Lee Richey)  
Subject: [2562] Re: CMOS KEYERS  
Message-ID: <1.5.4.32.19960813144826.0066a100@radioadv.com>

>I used a LM2936 Ultra-low quiescent current regulator with my  
>CMOS keyers and 9V batteries. There are probably even better  
>regulators today for this application, so you might want to see what  
>companies like National Semiconductor, Linear Technology, and  
>Maxim have to offer.

>  
>Zack KH6CP/1

Look at the RAC R1 series chips. In standby mode the chip draws  
less than 1uA and in operate mode about 1mA, which allows use with  
a small 3 volt lithium battery so you don't even need the system power,  
regulators, and the like.

Info on the RAC web site, radioadv.com

-Lee Richey WA3FIY-

Lee@radioadv.com  
<http://www.radioadv.com>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: lee@radioadv.com (Lee Richey)  
Subject: [2609] Re: CMOS KEYERS  
Message-ID: <1.5.4.32.19960814005431.0075c8b0@radioadv.com>

>>Look at the RAC R1 series chips. In standby mode the chip draws  
^^

00ooops! Boy am I red faced! Seems I don't even know my own chips!

Should be C1 series. Specifically C1A and C1S. You'll find them under  
"Special Purpose CMOS Chips". Sorry folks!

>Lee,  
>I went to "ur" WEB site and couldn't find anything about RAC R1 chips!!!



>What heading are they under???

>

-Lee Richey WA3FIY-

Lee@radioadv.com

<http://www.radioadv.com>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "John P. Spoonhower" <spoon@kodak.com>  
Subject: [2551] Re: dan's small parts URL  
Message-ID: <32107340.3854@kodak.com>

This is a multi-part message in MIME format.

-----558F3642CF7  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys, since a number of other people experienced the same problem as I, I thought I'd post Jerry Parker's reply. Thanks to all who replied to my post.

72, John, kc2du

-----558F3642CF7  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

>From spoon Mon Aug 12 19:35:47 1996  
Return-Path: <jparker@fix.net>  
Received: from kodakt.kodak.com ([150.220.251.70]) by lumi.Kodak.COM (4.1/SMI-4.1) id AA01848; Mon, 12 Aug 96 19:35:47 EDT  
Received: from fletch.fix.net (fletch.fix.net [206.190.71.1]) by kodakt.kodak.com (8.7.5/8.7.5) with ESMTP id TAA16776 for <spoon@kodak.com>; Mon, 12 Aug 1996 19:47:35 -0400 (EDT)  
Received: from jparker.tcf.com (cts1-036.snlo.dialup.fix.net [206.190.71.36]) by fletch.fix.net (8.7.4/8.7.3) with SMTP id QAA04474 for <spoon@kodak.com>; Mon, 12 Aug 1996 16:39:35 -0700 (PDT)  
Message-Id: <2.2.32.19960812233944.00b8de84@fix.net>  
X-Sender: jparker@fix.net  
X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Jerry Parker <jparker@fix.net>  
Subject: Re: dan's small parts URL

The power failure over the weekend wiped out the shortcut to  
dans page.

try again <http://www.fix.net/dans.html>

if you have problems try <http://www.fix.net/~jparker/dans.html>

72,,,Jerry...K

At 02:55 PM 8/12/96 -0400, you wrote:

>Do one of you guys have the URL to Dan's Small Parts?  
>I tried <http://www.fix.net/dans.html> but there's no such  
>document.

>

>72, John kc2du

>--

>#####	John Spoonhower
>### ###	Analytical Technology Division
>### ###	Bldg 82C, Floor 2
>### #	Eastman Kodak Company
>### ODAK	Rochester, New York 14650-2132 USA
>### #	phone: (716)588-6173
>### ###	Internet: spoon@kodak.com
>#####	

>

>

>

-----558F3642CF7--

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: JessQRP@aol.com  
Subject: [2548] Re: Digital Meters.  
Message-ID: <960813073344\_177742571@emout19.mail.aol.com>

In a message dated 96-08-12 08:46:50 EDT, you write:

<< Sorry for the delay in shipping the DD-1's. All orders will ship this week. We just received the cabinets from the paint shop.

Sincerely,  
Dick Witzke, KE8KL  
OHR >>

Thought all on the list might be ineterested in this info

Best  
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Frank G3YCC" <g3ycc@enterprise.net>  
Subject: [2580] Re: hamsite  
Message-ID: <199608131825.SAA03710@mail.enterprise.net>

There are a number on my web site that I have patiently sat and drawn, which may be of interest to you. I will add a link to your web site and please add mine if you wish.  
All the best of 73.

--

Frank G3YCC  
Ham Radio QRP Web Page:  
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: John D Young <jdy@whitney.ufl.edu>  
Subject: [2584] Re: HELP! HyGain Tape  
Message-ID: <Pine.LNX.3.91.960813135821.30356A-100000@whitney.ufl.edu>

>  
> Hi John,  
> I'm glad I caught this post! I have a question for you, and everybody else  
> out there who could help me.  
> I took my HyGain tape antenna on vacation with me so I could operate HF.  
> Well, while I was stringing it up in the trees, one of the legs of the  
> antenna accidentally got twisted in a few places and pulled tight. Well,  
> there isn't anything I can do now because if I try to bend it back, the  
> metal tape would snap. I should have paid more attention to it so this  
> wouldn't have happened...stupid mistake.  
> Does anybody know how I can get this thing fixed? Or is anybody selling

> one? I will be glad to take it off your hands. I hope I can find somebody so  
> I can use this antenna sometime!  
> For those who do not know, this is an HF dipole made by Hy-Gain. It is  
> actually two tape measures put together in one piece back-to-back, and you  
> pull out the amount of tape on each side needed to operate on a certain  
> frequency.  
> I hope to hear from somebody soon!  
> 72,  
> Brian, N5ZGT

Brian

You now know why I handle mine with great care. I also use a lightly oiled rag to wipe off each tape as it is wound up. I don't know where you could get a replacement tape. It must be bare metal, as I understand things. I guess you could try a 100 ft steel tape. Walmart had one for about \$15. Take both units apart and see what can be done.

No mine is not and will not be for sale until I make SK :)

good luck  
73 John  
WA8KNE

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>  
Subject: [2593] Re: HELP! HyGain Tape  
Message-ID: <0E96103201172C16@mhsgate.meth-mem.org>

>  
> From: John D Young <jdy@whitney.ufl.edu>  
>  
>>  
>> Hi John,  
>> I'm glad I caught this post! I have a question for you, and everybody else  
>> out there who could help me.  
>> I took my HyGain tape antenna on vacation with me so I could operate HF.  
>> Well, while I was stringing it up in the trees, one of the legs of the  
>> antenna accidentally got twisted in a few places and pulled tight. Well,  
>> there isn't anything I can do now because if I try to bend it back, the  
>> metal tape would snap. I should have paid more attention to it so this  
>> wouldn't have happened...stupid mistake.  
>> Does anybody know how I can get this thing fixed? Or is anybody selling  
>> one? I will be glad to take it off your hands. I hope I can find somebody so  
>> I can use this antenna sometime!  
>> For those who do not know, this is an HF dipole made by Hy-Gain. It is

>> actually two tape measures put together in one piece back-to-back, and you  
>> pull out the amount of tape on each side needed to operate on a certain  
>> frequency.

>> I hope to hear from somebody soon!

>> 72,

>> Brian, N5ZGT

>

Geez I thought I was only person w/ one of these things, hi. I picked mine up at a hamfest for \$35 as best I remember. The guy was an acquaintance of mine and I had to beg him at that price. Anyway it was in pretty poor condition. While all of the stainless steel was there, it had been bent and was on the edge of breaking in

several places. What I did for repair was to pick up some stainless steel muffler repair tape at a local auto parts store, trim it to fit and stick it on with the powerful

epoxy that came with it. While the tape was not broken, it certainly needed support. Well, it has held together now for abt 1 year and abt 20-30 set-ups. I wonder if

Hy-Gain makes replacement tapes available? Has anyone checked? BTW, mine is apparently an old army surplus one with an N-connector and built-in 1:1 balun. The only other one I have ever saw looked kinda like two siamese-twin tape measure reels in a black case with a PL259 connector. Mine is kind of a faded green with a pull-out chart on back, and a coax wind-up reel on the other-side. I think the element tape is also wider than the black-cased one at abt 3/4 of an inch. GREAT antenna. Beats just about anything else for P/QRP activity. cul de Mike, KR4IT

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996

From: rcrampton@gtc.itt.com

Subject: [2551] Re: how to remove flux

Message-ID: <21073920@gtc.itt.com>

I use isopropyl (spelling?) alcohol for mine. It's always worked great. I've got a fairly stiff brush, and after making all my solder connections, I just go over everything.

I'm with you, that sticky mess has got to go!

73's es GL

Ray Crampton  
KN4SK

----- Reply Separator -----

Subject: how to remove flux

Author: leeghee@singnet.com.sg at Internet

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Chris J. Cartwright - ELF" <dsc3cjc@imc220.med.navy.mil>  
Subject: [2557] Re: how to remove flux  
Message-ID: <Pine.3.89.9608130908.A3559-0100000@imc220>

On Tue, 13 Aug 1996, Ng Heng Lee/Ghee wrote:

> hi gang,i have finished soldering 2 pcbs but how do you clean away all the  
> flux ? i managed to get a small bottle of denatural alcohol but i find

Ng,

There is a product called "Flux-off" that works extrememly well for this. Just don't try to say the name three times fast:) I believe places like Mouser, MCM, Jameco and the like carry it. I've used it and it works very well. Similar to carbon-tet but not as flammable.

For future reference there are solders out there that use a water soluble flux in them. I've used this on small production runs, and later used the dishwasher/oven combination to clean and dry the boards. The heaters in dishwashers seem to leave too many puddles with too much heat. (Maybe next time I'll try Cascade (tm) with it's "sheeting action" :) If you have a piece of the PCB to test before you try this, it IS a good idea. I did once run into some glass epoxy boards that soaked up water like a sponge, probably still isn't dry after all these years.

I wouldn't "soak" the board in anything, if you brush it down with alcohol enough times it will eventually be reasonably non-sticky. Try getting some of the 96% isopropyl, much less water in that, as long as you leave the cap on!

73,

-- Christopher Cartwright, Tech. Engineer		...our chief weapons are fear,
-- Voice 301.295.0809 N3XRV		fear and surprise, and nice
-- Mail dsc3cjc@imc220.med.navy.mil		red uniforms, oh damn!!
-- ccart@erols.com		-- Monty Python

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: kub@upl.com (Steve Kubisch)  
Subject: [2559] Re: how to remove flux  
Message-ID: <9608131402.AA06093@ringworld.pacificorp.com>

>There is a product called "Flux-off" that works extrememly well for  
^^^^^^^^^^^^

It works well just don't get it on any clear plastic like meter covers or VFO dials. Turns them a nice opaque milky color. Been there done that

73,  
Steve -WW7Y-

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: 13-Aug-1996 1121 <randolph@est.ENET.dec.com>  
Subject: [2565] re: how to remove flux  
Message-ID: <9608131529.AA26290@us4rmc.pko.dec.com>

I've been using rubbing alcohol (denatured alcohol like you get at the pharmacist), a toothbrush, and then rinsing under the tap. Haven't had too much trouble so far, but it does leave a bit of white powdery residue where the flux was.

Might as well stick to easy to find cleaners, because all those harsh chemicals are going to keep getting harder to find, and they're bad for you anyway...

=====  
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com  
=====

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Dale Anderson <dalea@artemis.fc.hp.com>  
Subject: [2572] Re: how to remove flux  
Message-ID: <199608131557.AA005941828@artemis.fc.hp.com>

Denatured alcohol will work fine, but there's a trick to using it. The stickyness you are feeling is NOT the

alcohol, but the semi-deluted flux still left behind.

Back when I was a PCB tech (a decade ago) I used to watch the "rework girls" (send flames to /dev/null, that's what they were called!!!) clean the boards after swapping out an IC per my instructions. Anyway, do NOT soak the board in ANYTHING. Use a "parts brush" with alcohol to brush the area, then put a paper towel (commercial type, like used in public rest rooms, NOT a "Bounty") over the area (while it's still wet) and brush it into the board. It will wick away the deluted flux. Lift the towel off the board and replace a clean section back on the board. Take the parts brush again, wet with alcohol and brush it over the towel against the board. This will wick some remaining flux. Do this maybe once more and then lay a dry section of towel over the board again and using a dry parts brush, work it into the board to wick off the remaining alcohol. Leaves it professionally clean. BTW, they were using "Desol" a, trichlorosomethingorother as a solvent, but I've used alcohol to achieve the same results.

Good Luck es 72/73!

-Dale, KB0VCC

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996

From: Gary Surrency <gsurrenc@ix.netcom.com>

Subject: [2575] Re: how to remove flux

Message-ID: <3210ACA8.2A58@ix.netcom.com>

Chris J. Cartwright - ELF wrote:

>

> On Tue, 13 Aug 1996, Ng Heng Lee/Ghee wrote:

>

> > hi gang,i have finished soldering 2 pcbs but how do you clean away all the

> > flux ? i managed to get a small bottle of denatural alcohol but i find

>

> Ng,

>

> There is a product called "Flux-off" that works extrememly well for

> this. Just don't try to say the name three times fast:) I believe

> places like Mouser, MCM, Jameco and the like carry it. I've used it and

> it works very well. Similar to carbon-tet but not as flammable.

Carbon tetrachloride is not flammable. Just carcinogenic.



It also dissolves some plastics. Great for cleaning typewriter keys.  
What are typewriters? ;-)

See my other post for alternative PCB cleaning techniques. No,  
I don't listen to alternative music (grunge). :-)

73,

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Bob Edwards <rbe@atlanta.com>  
Subject: [2604] Re: how to remove flux  
Message-ID: <3211238B.3686@atlanta.com>

This is a multi-part message in MIME format.

-----ED61EB01574  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Time I jumped in, ...have been lurking for a while.

I have used the XYL's nail polish remover for two years now.  
((for flux removal, not on my fingers and not to drink))  
No visible side effects yet, but did use a method similar  
to Dale Anderson's message, today, same subject. Several  
passes with an old toothbrush, lite doses, wick away the gunk.

FYI, she uses "Sally Hansen Pro-Vitamin B5 Moisturizing with  
Vitamin E and Aloe, for dry Brittle Nails" :) :)

The PCB's smell better too.

-----ED61EB01574  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline; filename="FOOTER.TXT"

+-----+  
| Bob, AE4CA, WAS-5W | ..... "QRP", more from less....  
+-----+  
ARCII-8760, MIQRP-1410, COQRP-118, QRPL-606, ARS-145, NorCAL

-----ED61EB01574--

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "John W. Jomp" <johnj119@mo.net>  
Subject: [2605] Re: how to remove flux  
Message-ID: <321125F9.74D1@mo.net>

Bob Edwards wrote:

>  
> Time I jumped in, ...have been lurking for a while.  
>  
> I have used the XYL's nail polish remover for two years now.  
> ((for flux removal, not on my fingers and not to drink))  
> No visible side effects yet, but did use a method similar  
> to Dale Anderson's message, today, same subject. Several  
> passes with an old toothbrush, lite doses, wick away the gunk.  
>  
> FYI, she uses "Sally Hansen Pro-Vitamin B5 Moisturizing with  
> Vitamin E and Aloe, for dry Brittle Nails" :) :)  
>  
> The PCB's smell better too.  
>

Hi gang:

I can understand the value of improvising since that is one of the neat things about QRP. However, why not head over to the local Rad Shack and grab a can of flux remover ? It works great and it's readily available.

John N0UIQ

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: k5zty@hamgate2.w5-f6cnb.ampr.org  
Subject: [2610] re: How to remove flux  
Message-ID: <11970@sugarland.ampr.org>

I have had good luck removing the flux on my boards with 91% isopropyl alcohol. It is available at most all pharmacys here in Houston. I got my last bottle at Walgreens for about \$2.00. Use lots of it to wash the sticky stuff away. Also, don't dip your brush in the bottle, pour some out into a small container so you don't contaminate the whole bottle.

The sooner you clean after soldering, the better it seems to work.  
Good luck es 72,  
Bill, K5ZTY

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: rcrampton@gtc.itt.com  
Subject: [2594] Re: Idiom Press  
Message-ID: <210dd190@gtc.itt.com>

Idiom press is for real. I ordered my Super CMOS keyer from them several years ago when it first came out. I ordered another one as a gift about two years ago, and know people that have ordered them in the last year.

It's a great keyer, the best I've ever used!

73's

Ray, KN4SK

----- Reply Separator -----  
Subject: Idiom Press  
Author: gss@ahipc.eds.com at Internet  
From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: jim parsons <k5rov@webstar.net>  
Subject: [2595] Re: Idiom Press  
Message-ID: <1.5.4.16.19960813152000.1b272230@webstar.net>

At 02:19 PM 8/13/96 -0400, you wrote:

>I'd like to build the CMOS III keyer, but it makes me nervous  
>to send \$58 to a P.O. Box for a company that doesn't have a  
>phone (I called information for Geyserville, CA and there was  
>no listing for Idiom Press). So, what's the deal, is Idiom  
>Press a real company? Am I just being paranoid :-)

>

>----

>

>72 de N8RUY

>Gary Schiltz

>Bloomfield Hills, MI

>

>

>YES, GARY, IDIOM PRESS IS A COMPANY, AND THEY HAVE GIVEN ME EXCELLENT  
SERVICE. I HAVE NEVER HAD TO CONTACT THEM ABOUT A PROBLEM, BUT I HAVE  
ORDERED TWO KEYERS FROM THEM. I ORDERED BOTH THE CMOS II AND THE CMOS III AT

DIFFERENT TIMES. BOTH KITS ARRIVED PROMPTLY, WITHOUT ANY PARTS MISSING, AND WITH EXCELLENT DOCUMENTATION. I HAVE BEEN VERY PLEASED WITH THEIR SERVICE, AND EVEN MORE PLEASED WITH THE TWO KEYERS.

73 DE JIM, K5ROV

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: wq8q@juno.com (Rick Tyler)  
Subject: [2602] Re: Idiom Press  
Message-ID: <19960813.180737.9783.0.wq8q@juno.com>

Ordered my CMOS III with no problems at all . . . got my keyer kit a couple or three weeks after I sent in the order . . . and they still haven't cashed my check, and I mailed it with the order on July 2nd!

Don't worry about it . . . they're okay!

73 de Rick, WQ8Q  
Cincinnati

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: wq8q@juno.com (Rick Tyler)  
Subject: [2607] Re: Idiom Press  
Message-ID: <19960813.193235.6439.1.wq8q@juno.com>

Bob (and others) here's a transcribed copy of Idiom's QST ad:

-----  
NOTICE - ALL CW OPERATORS

Fantastic Keyer Kits! New Super CMOS III  
Keyer Partial kit. (August 95 QST, p26) \$58  
US, \$60 DX. Super CMOS II (Nov 90 QST,  
'92-'95 Radio Amateur's Handbook, p29-6)  
still available at \$48 US, \$50DX post pd.  
Check or MO OK, no credit cards, CA add tax.  
Idiom Press, Box 1025, Geyserville CA 95441  
-----

Enjoy!

72/73 de Rick, WQ8Q  
Cincinnati

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: rhigh@primenet.com (Roger Hightower)  
Subject: [2612] Re: Idiom Press  
Message-ID: <199608140123.SAA02103@primenet.com>

At 02:19 PM 8/13/96 -0400, Gary Schiltz wrote:

>I'd like to build the CMOS III keyer, but it makes me nervous  
>to send \$58 to a P.O. Box for a company that doesn't have a  
>phone (I called information for Geyserville, CA and there was  
>no listing for Idiom Press). So, what's the deal, is Idiom  
>Press a real company? Am I just being paranoid :-)

>

>----

>

>72 de N8RUY

>Gary Schiltz

>Bloomfield Hills, MI

>

>

Yes, they are real, and their service is great. Don't worry...thousands  
have ordered their keyer kits with no problems.

72/73, de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: David Adams <dave@flowserver.stem.com>  
Subject: [2542] Re: KC2 on Explorer (I) 40 probs  
Message-ID: <9608130614.AA00860@flowserver.stem.com>

Greetings! Thanks for the info...I tried a larger cap (aka bob's advice)  
(actually tried caps ranging from .47 to .38pf, so that is covered). I  
will try to remove the 312 (this is going to get ugly folks...third tranny  
in the same holes) and see how that goes.

73 de dave, n9uxu

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: rcrampton@gtc.itt.com  
Subject: [2552] Re: Kits  
Message-ID: <210739c0@gtc.itt.com>

Dave,

What part are you looking for? If you didn't try the people on the list, this is a good place to dig up those hard to find parts.

I haven't built any frequency counter kits, so I can't help you there.

Ray KN4SK

----- Reply Separator -----  
Subject: Kits  
Author: davedmed@ix.netcom.com at Internet  
From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: lee@radioadv.com (Lee Richey)  
Subject: [2568] Re: Kits  
Message-ID: <1.5.4.32.19960813144821.00667f28@radioadv.com>

>Does anyone know of a kit for a half way decent  
>counter out there? I figured as qrp guys are basically kit builders or home  
>brewers (bless them) somebody out there could help.  
>73 de Dave KI6QE/7

Hi Dave, take a look at the RAC DigitalDial or the OHR DD-1. They both offer a pretty nice set of features including programmable display functions, count to well beyond 50Mhz, have a very nice "feel" (very fast response and minimal last digit jitter) and they introduce little or no noise into the equipment with which they are being used.

If you really want to "rough-it", RAC supplies 4 digit (18 pin) and 6 digit (28 pin) chips and application notes so you can custom build your own counter and package it however you choose.

You can see more detail on the RAC version at <http://www.radioadv.com>

For the record, I am associated with RAC.

-Lee Richey WA3FIY-

Lee@radioadv.com

<http://www.radioadv.com>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "j.w. thornton" <dub@oklahoma.net>  
Subject: [2598] Re: Magnifying lamp  
Message-ID: <199608132057.PAA01575@dns.okc>

At 02:34 PM 8/13/96 -0400, Preston WJ2V wrote:

>Gang,

>

>As soon as I knew the KC2 was on its way to me, I decided, sight unseen, that  
>I would like to build it under a magnifying lamp. I ordered one from a mail  
>order outfit. This is related to my age/vision and not any fault of the KC2,  
>though it is certainly small.

>

>Anyway I've had the KC2 for about a week, and I've been hoping the lamp would  
>come in time to do the job. Sure enough, this is the first night that I am  
>free to putter in the shack, and the thing came from Damark. Now for those  
>who don't get this particular catalog, it is one of those outfits that sells  
>all kinds of stuff like factory rebuilt computers, stereos, pool chairs and  
>assorted lighting stuff. And recently I noticed they were selling these  
>lamps for 40 bucks, free shipping. Since I am not the only ham in this group  
>whose eyes are losing their acuity, I thought it would be useful to report on  
>whether the device is helpful for building. I will let you know whether it  
>is worthwhile or junk. Stay tuned.

I have had one of these things on my desk for many many years. Even with good eyesight, it was useful for checking fine detail in the machining industry. I would not (& could not with my present eyesight) be without the device at whatever price. It is a real help on those small circuit boards with the close-spaced traces, such as the CMOS II or III keyers. Also helps out with some of the teeny weeny lettering on some of the small capacitors. I think we will hear a rave report from Preston. "72"

J. W. (Dub) Thornton WA5YFY  
Minco, Ok.

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Mark Carter <mcarter@freenet.npiec.on.ca>  
Subject: [2611] Re: NorCal WWW Page  
Message-ID: <Pine.SGI.3.93.960813211115.25184A-1000000@freenet.npiec.on.ca>

On Fri, 9 Aug 1996, Gary Surrency wrote:

> Guys, get a hold of Netscape and join the HTML world. It's even available  
> free on their web site for a limited time version.

Uh, Netscape isn't the only browser out there, you know... and it won't  
work with Freenet accounts. I-Comm will, as will Lynx, both of which are,  
surprise surprise, HTML browsers.

Mark

\*\*\* Carter Computer Solutions Voice/Fax: 934-1413 \*\*\*  
\*\*\* Sharp Cash Registers and Hospitality Systems \*\*\*  
\*\*\* Service - Sales - Point of Sale - Networking \*\*\*  
\*\*\* Gopher freenet.npiec.on.ca Menu: 4,4,10,4 \*\*\*

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Steve Hideg <Steve.Hideg.1@nd.edu>  
Subject: [2578] Re: QRP-L is a club?  
Message-ID: <v0300780bae366454fc08@[129.74.35.16]>

Yes. This is the Internet QRP Club. We meet every minute on the QRP-L  
mailing list.

>Recently took a look at the QRP-L home page, and note that it is headed QRP-L,  
>The  
>Internet QRP Club. Is that official?  
>  
>BTW, there is a link to it from my own Milestone Technologies home page:  
><http://ourworld.compuserve.com/homepages/mtech>  
>  
>I also have links to ARRL, RSGB, SAREX, and an Italian site called 100  
>years of  
>radio.  
>  
>73  
>Marshall  
>AA0XI

---

Steve Hideg, N8HSC/9 QRP-L #136  
Check out the Internet QRP Club's site on the WorldWide Web:



<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Ng Heng Lee/Ghee <leeghee@singnet.com.sg>  
Subject: [2583] Re: Soldering Iron  
Message-ID: <Pine.3.89.9608140104.B8501-01000000@merlion.singnet.com.sg>

hi dwayne, i just solder 2 pcb with a 25w antex iron(yellow in colour).  
so far so good. the only problem is that it heat up the component real  
fast and the tip get dirty easily. i guess is the burning of flux that  
blacken the tip. just clean it onto a wet sponge after every few joint  
will do the trick.horemember to put some solder onto the tip when you  
off the iron to protect the tip  
happy soldering.

Heng Ghee  
73

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: Joe Gervais <vole@PRIMENET.COM>  
Subject: [2543] Re: TMPS: Where' DELAWARE?  
Message-ID: <199608130704.AAA26317@primenet.com>

Harvey, N6MM, wrote:

>

> Last night I heard AA6CX/1 calling CQ on 30m, and my dated CD ROM  
> still listed his California address. I called him hoping .... Sure  
> enough he was in Vermont! Only one more state to go ... DELAWARE.

I've been offline for about a week now (swamped at the  
office as usual), but didn't some kind soul here offer  
to drive out to Delaware for QRP Afield? I'd be willing  
to fund this little DXpedition with Pop Tarts, Jolt Cola,  
and any other essentials necessary for the undertaking. :-)

Closing in on QRP WAS fast, and Delaware is the only  
tough one left on the list. Since I've never even \*heard\*  
a DE ham in 4 years of hamming, I'm wondering if we should  
do something equivalent to the Ducks Unlimited program,

dedicated to activating DE Hams through relocation and establishing suitable habitat, say huge tracts of land with no antenna restrictions. And a pizza place nearby. :-)

Hope everyone's remembering to get on the air, heat up the soldering iron, whatever it takes to have some fun.

Cheers es 72 de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7

KC7NEV TMPS 1996 Qs=028 States=13 Confirmed=5 DX=004  
AK, AZ, CA, CO, KS, LA, MN, ND, OR, WA, SC, TN, VA  
JG, R0, VE

PS- Announcement of the AZ ScQRPions Winter FD is coming soon. Just a few more details to work out!

From owner-qrp-1@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: rnygren@epix.net (Bob Nygren)  
Subject: [2596] RE: TMPS: Where' DELAWARE?  
Message-ID: <Chameleon.960813161209.rnygren@epix.net>

Hi Harvey!

Let me try to help.

I'll be on a short, late summer vacation the weekend after next to DELAWARE. I'll take along my Scout, (cranked down to 5 W). Antenna will depend on the camp site, but I'll try something vertically polarized. We'll be there starting August 22 and leaving August 26. Best times for me, (it is a family vacation :-)) is late evening, 10PM to Midnite local, (02 - 04 Z, I think), and early morning, 6:30 - 8:00, (10:30 - 12:00 Z)

I could be around later in the evenings, or earlier in the AM, if there is a particular time when you feel the path would be best.

Probable frequency of operation 10.116 MHz, or thereabouts.

If those times and frequencies are not good for you, let me know, I'll see what I can do!

73, Bob WA3YON <rnygren@epix.net>

Soon to be, "Under the Boardwalk"

You Wrote:

>Last night I heard AA6CX/1 calling CQ on 30m, and my dated CD ROM  
>still listed his California address. I called him hoping .... Sure

>enough he was in Vermont! Only one more state to go ... DELAWARE.  
>  
>I have only heard one station in Delaware and that was NY3R. School  
>has started and due to a flick of the governor's Bic (tm) there is  
>now a shortage of teachers at all levels through community college  
>and I am working four nights a week plus five days a week. Getting  
>Delaware in the remaining time is not going to be easy, HI.  
>  
>73, Harvey, N6MM  
>  
>TMPS 96: QSOs=255, WAS=49, DXCC=043 OHR 400, dipole/loop/wire beam  
>States needed: DE  
>DXCC: C2 JW KH6 JA KL7 A3 W 5W VE PJ2 T30 VK9N ZL FK8 OH OA VK FG LU  
> C6A XE LA ZF 5N CO CY0 PY V7 HC V6 T32 KC6 P4 TI ZK1(so) UA0  
> KH8 ZP OZ ZK2 CE HI HK0  
>

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [2597] Re: Toroid Substitution?  
Message-ID: <Pine.GS0.3.93.960813163957.5303A-1000000@destrier.acsu.buffalo.edu>

try a ft37-77

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
jskalski@acsu.Buffalo.EDU

On Tue, 13 Aug 1996, Bob Marsh wrote:

> Hi everyone,  
>  
> Does anyone know of a good substitute for an FT-37-72 ferrite core? A  
> friend of mine is working on a project and has several other types (not  
> sure which), and would like to use something he already has. Any info  
> would be appreciated.  
>  
> Tnx es 72 de Bob/KB2SGM  
> <bmarsh@hicom.net>

>

From owner-qrp-l@Lehigh.EDU Tue Aug 13 23:13:04 1996  
From: "Jim Kortge, K8IQY (ex NU8N)" <jokortge@tir.com>  
Subject: [2601] Re: Toroid Substitution?  
Message-ID: <1.5.4.16.19960813211214.3e779158@tir.com>

At 09:00 AM 8/13/96 -0400, you wrote:

>Hi everyone,

>

>Does anyone know of a good substitute for an FT-37-72 ferrite core? A  
>friend of mine is working on a project and has several other types (not  
>sure which), and would like to use something he already has. Any info  
>would be appreciated.

>

>Tnx es 72 de Bob/KB2SGM

><bmarsh@hicom.net>

>

Bob...none of my references (Micro Metals and FairRite) show a type  
72 material. Are you sure that is the correct type? Do you know  
who makes the material??

72...Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com		__o Cascade 17/40 SSB
Fenton, MI		_`< Mizuho 17/40 SSB
...	(*)/(*)	. . . . .